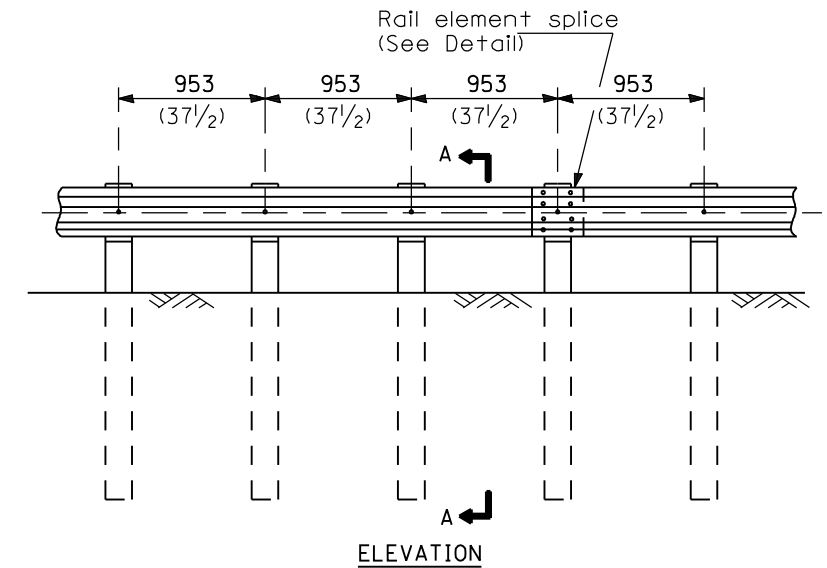


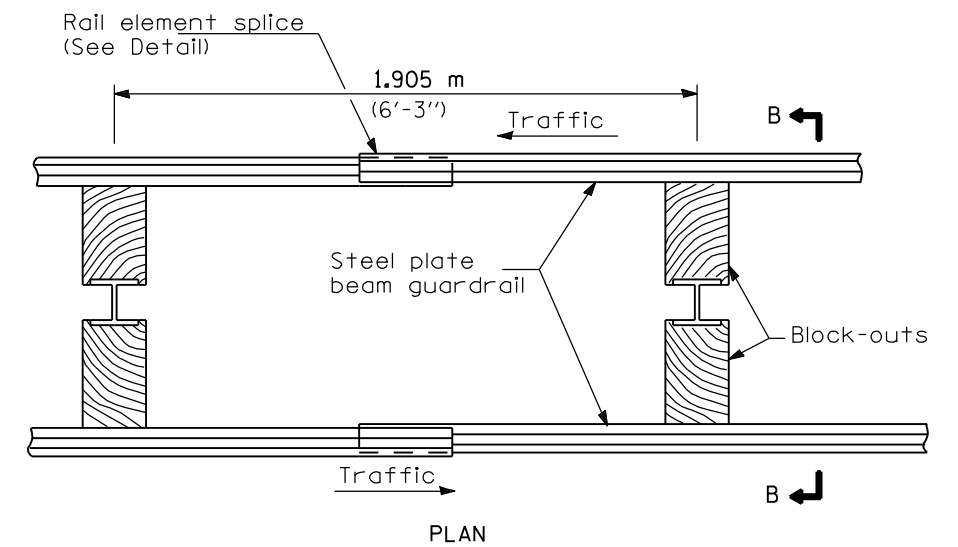
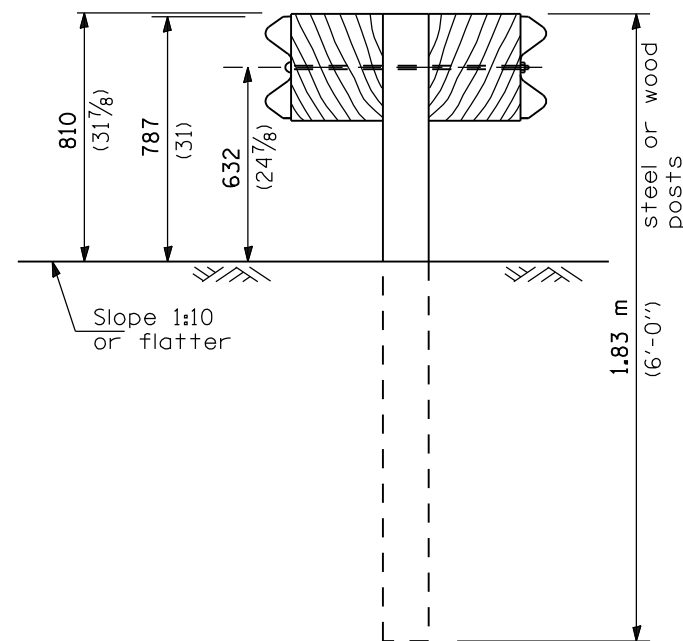
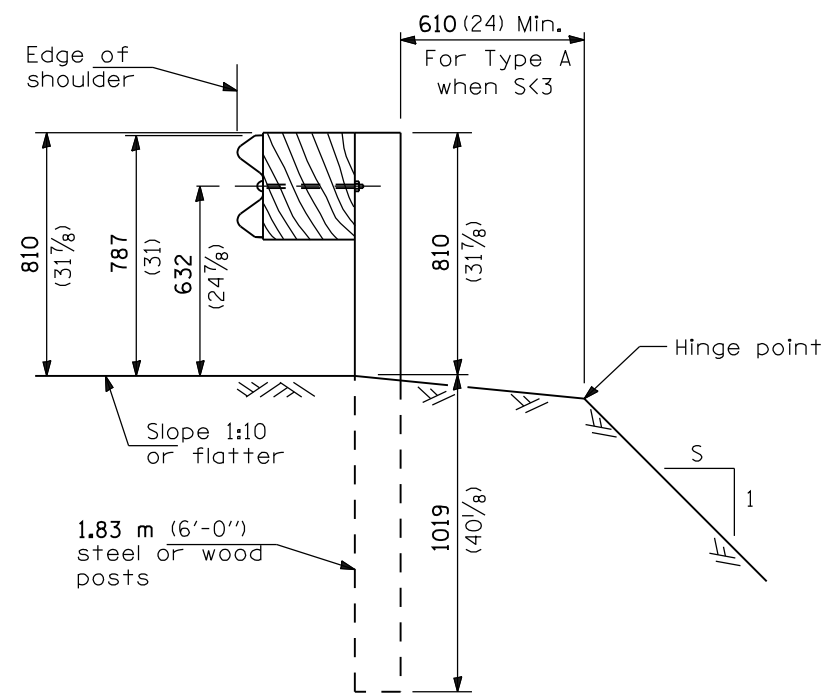
### TYPE A

1.905 m (6'-3") Typical post spacing



### TYPE B

953 (37 1/2) Closed post spacing



### TYPE D

Double steel plate beam guardrail  
1.905 m (6'-3") typical post spacing

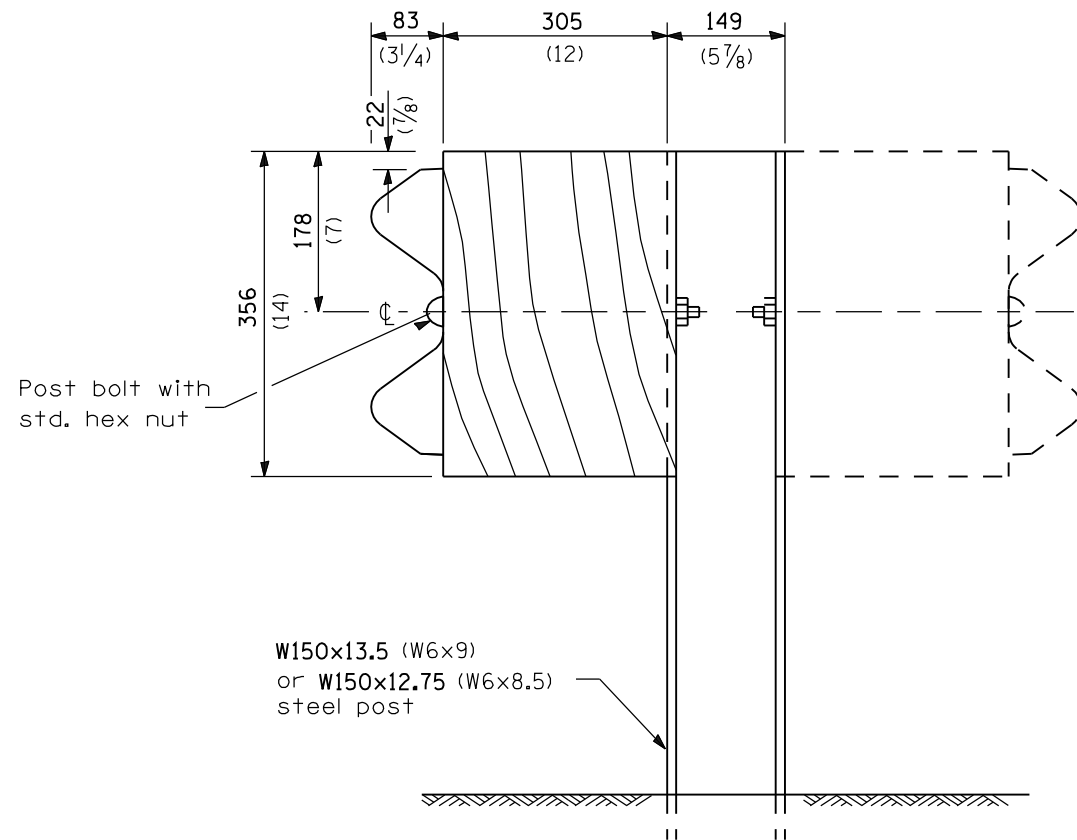
### GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

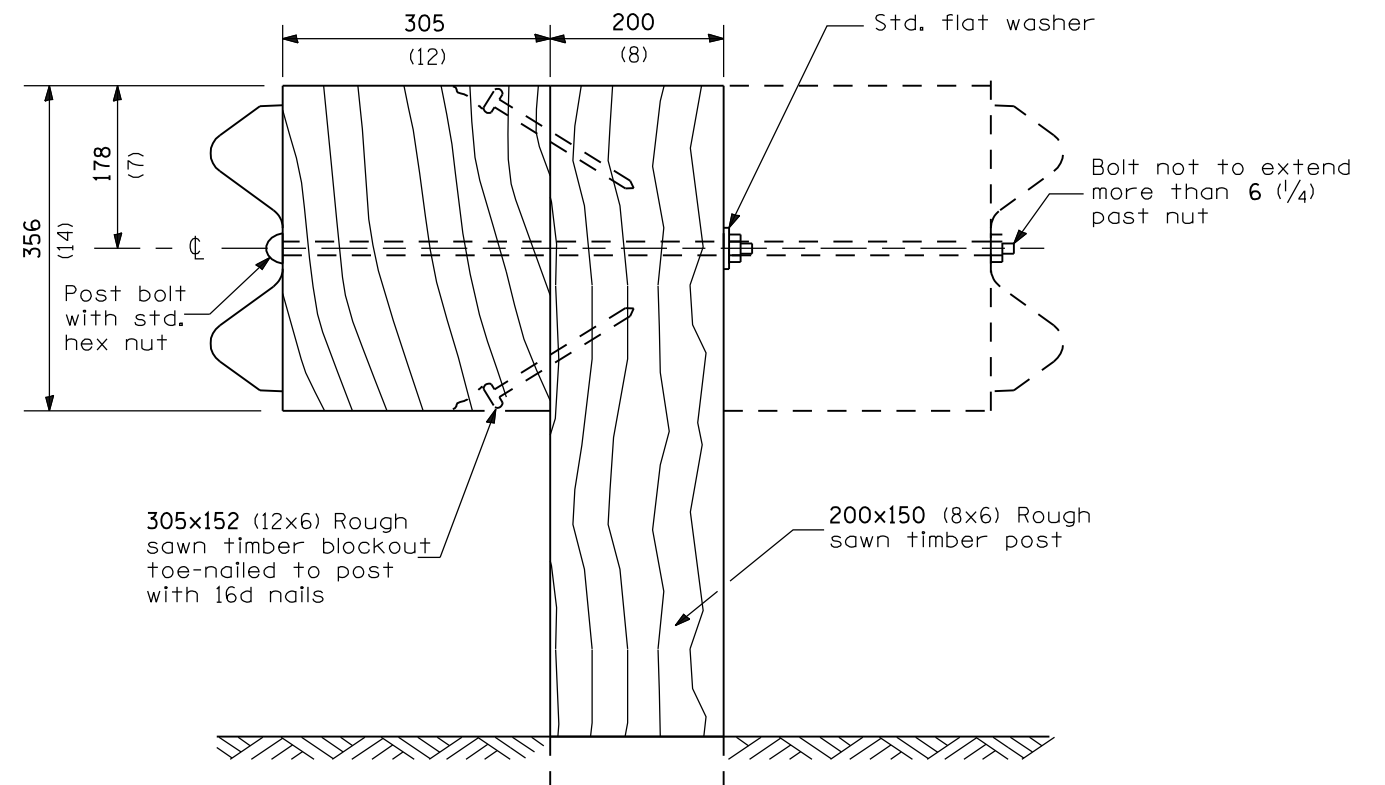
All dimensions are in millimeters (inches) unless otherwise shown.

DATE	REVISIONS	STEEL PLATE BEAM GUARDRAIL
1-1-07	Changes adopted to implement the Midwest Guardrail System.	
4-1-06	Deleted plate washer F.	
		(Sheet 1 of 4)
		<b>STANDARD 630001-07</b>

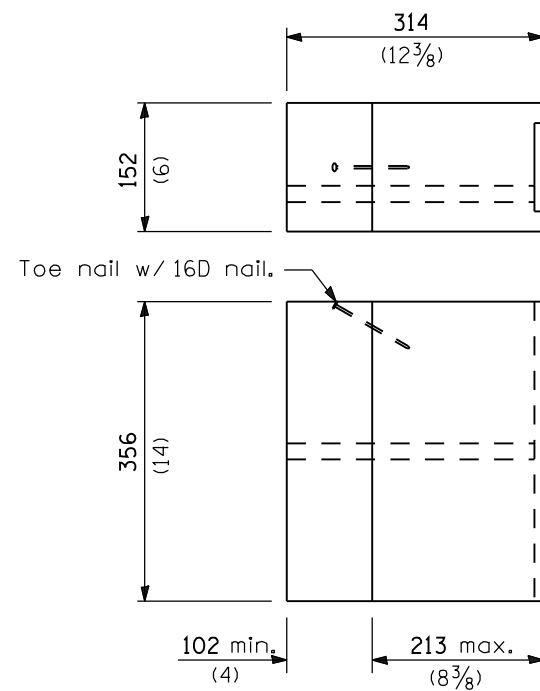
Illinois Department of Transportation	
PASSED <u>January 1, 2007</u>  ENGINEER OF POLICY AND PROCEDURES	ISSUED 1-1-97
APPROVED <u>January 1, 2007</u>  ENGINEER OF DESIGN AND ENVIRONMENT	



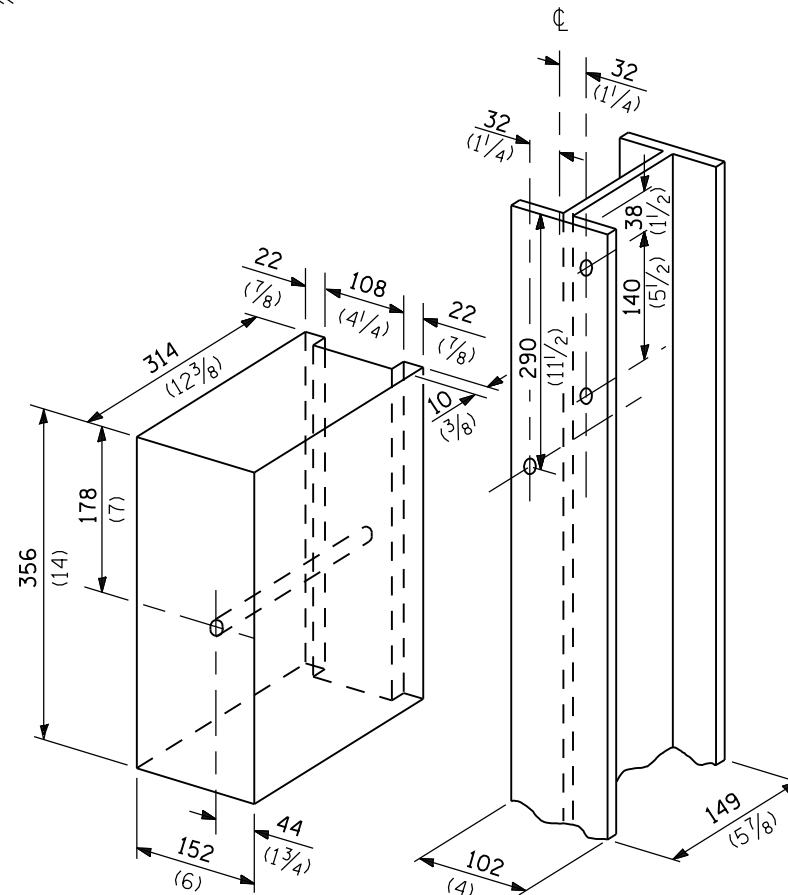
**STEEL POST CONSTRUCTION**



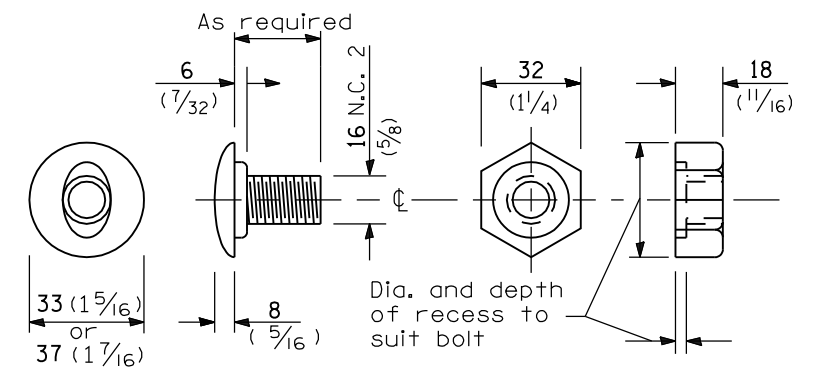
**WOOD POST CONSTRUCTION**



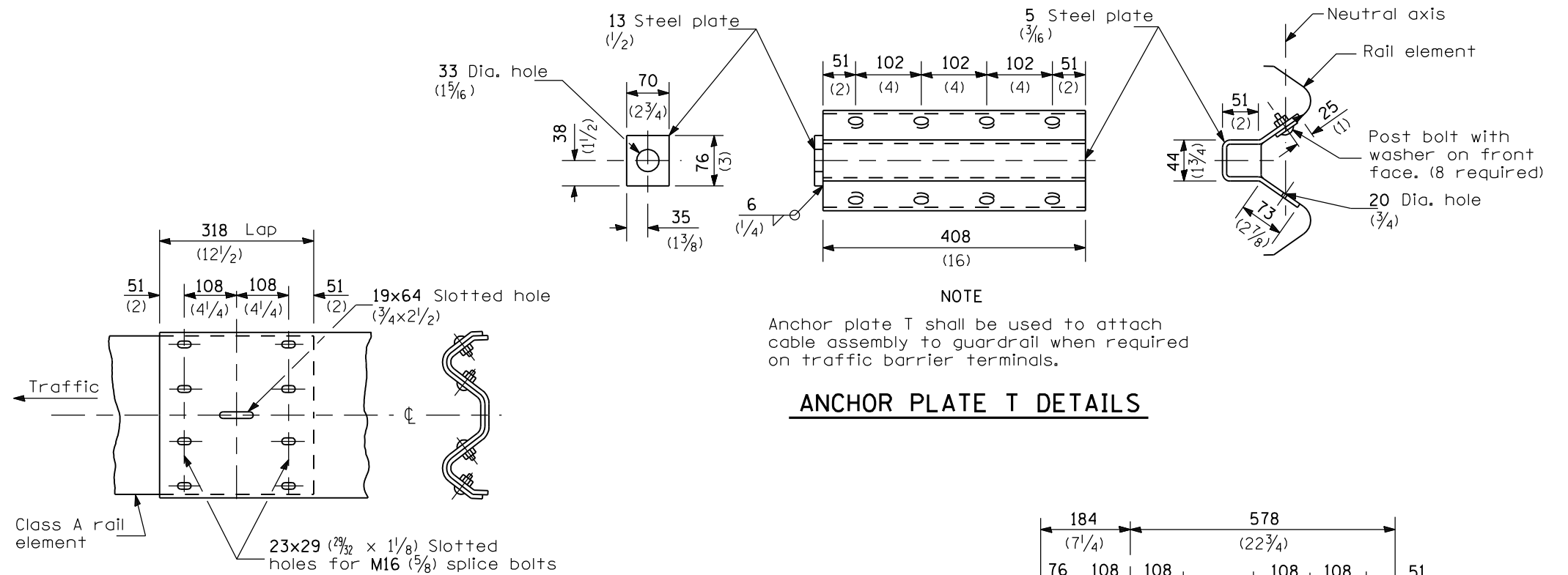
**TWO-PIECE WOOD BLOCKOUT OPTION**



**WOOD BLOCK-OUT AND STEEL POST DETAILS**

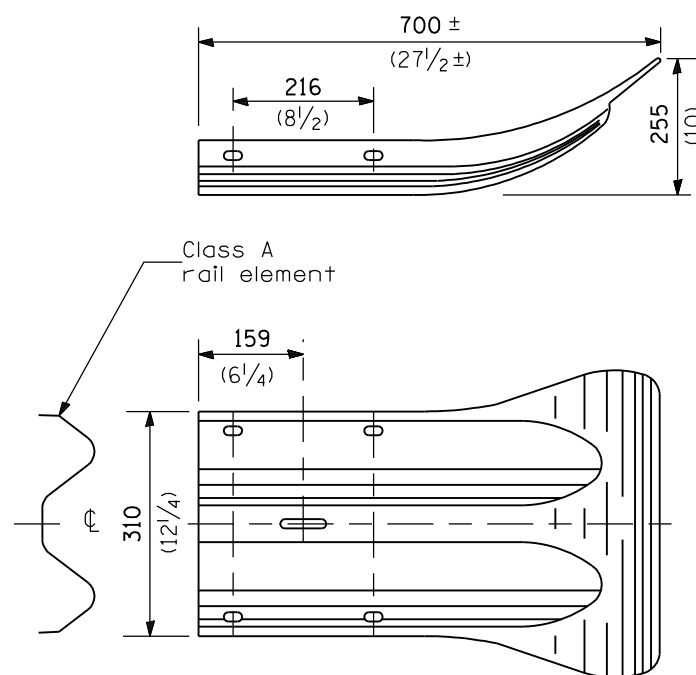


**POST OR SPLICE BOLT & NUT**

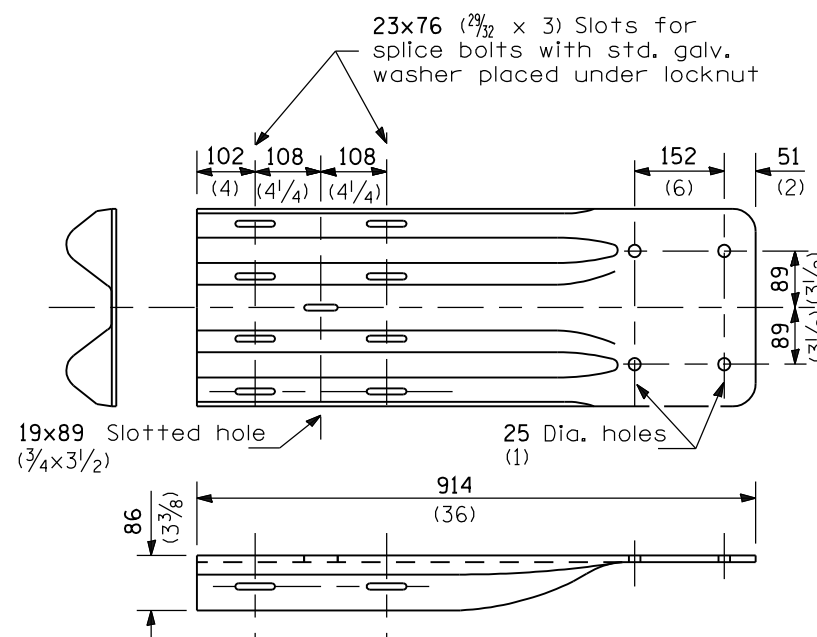


### ANCHOR PLATE T DETAILS

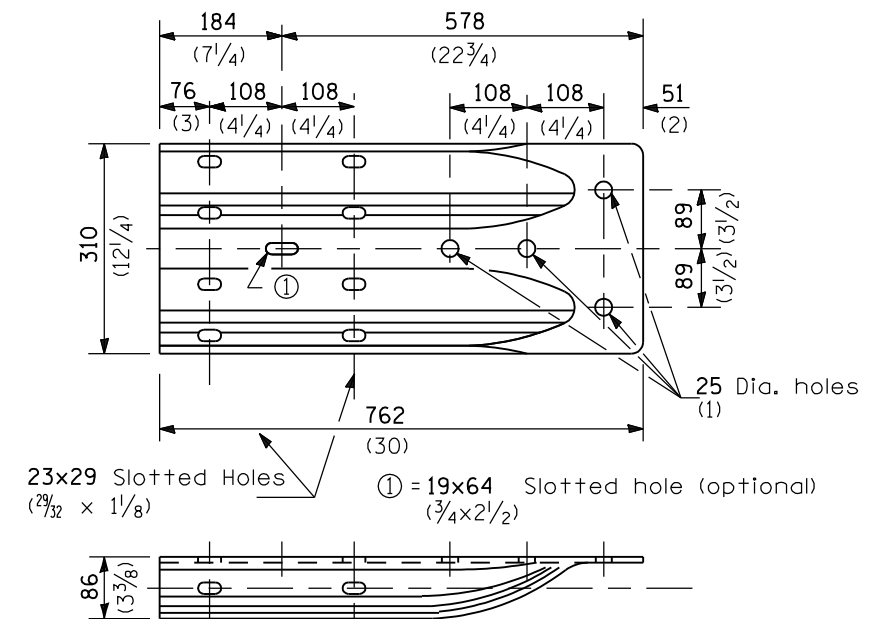
### RAIL ELEMENT SPLICE



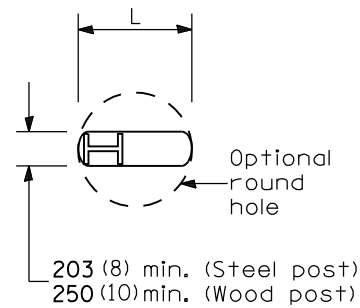
### END SECTION



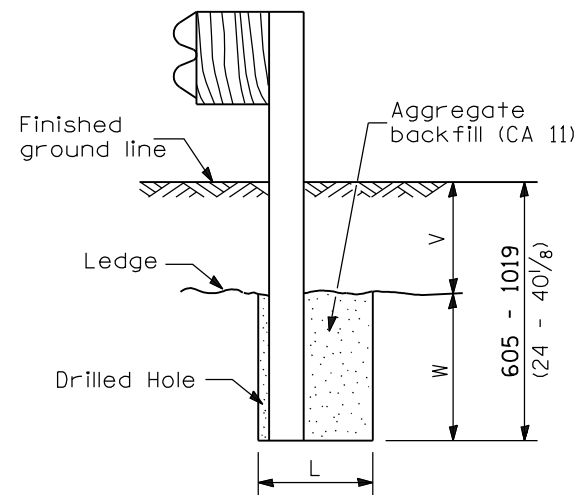
### END SHOE



### ALTERNATE END SHOE



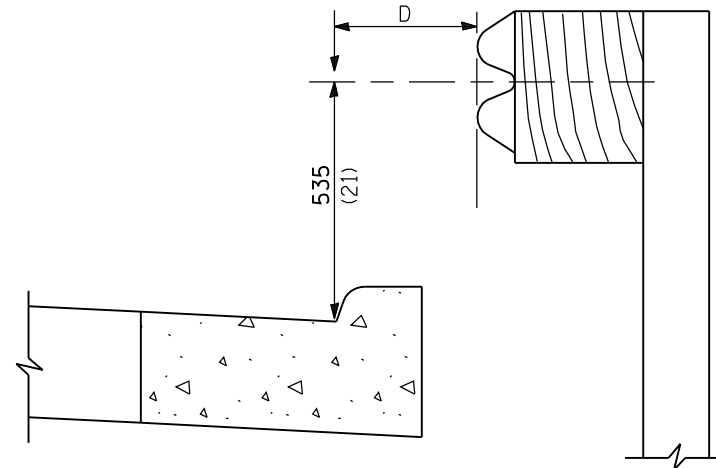
PLAN



Note:  
Ledge line is top of rock ledge or hard slag fill.

ELEVATION

**FOOTING FOR POST WHEN IMPERVIOUS MATERIAL IS ENCOUNTERED**



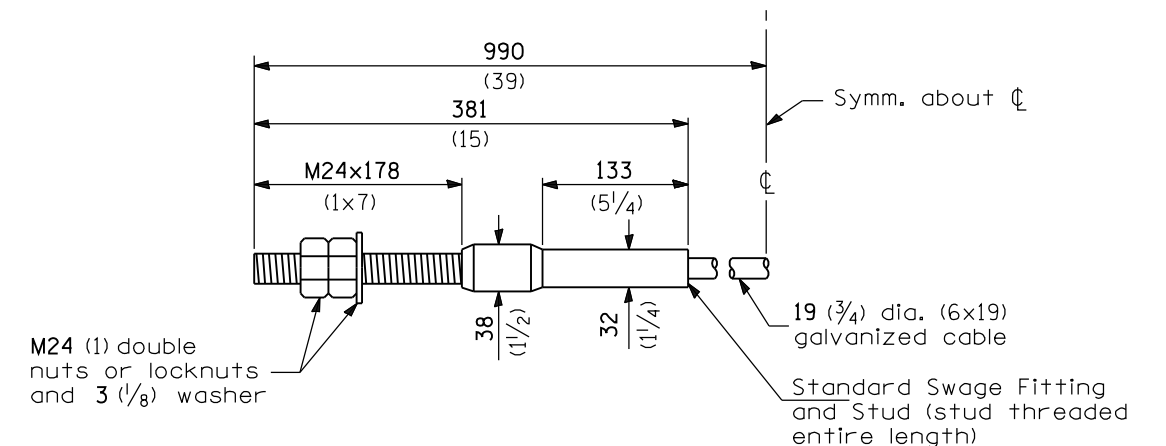
Note:

If it is necessary for D to be more than 300 (12) and less than 3.0 m (10'-0") type M-5 (M-2) curb and gutter (Std. 606001) shall be used in front of and in advance of the guardrail.

**GUARDRAIL PLACED BEHIND CURB**

(D = 0 minimum to 300 (12) maximum and desirable)

V	W	L	
		Steel Post	Wood Post
0 - 410 (0 - 16 1/8)	610 (24)	530 (21)	580 (23)
>410 - 714 (>16 1/8 - 28 1/8)	305 (12)	203 (8)	250 (10)
>714 - 1019 (>28 1/8 - 40 7/8)	305 - 0 (12 - 0)	203 (8)	250 (10)



**CABLE ASSEMBLY**

(18,100 kg (40,000 lbs.) min. breaking strength)  
Tighten to taut tension.

**STEEL PLATE BEAM  
GUARDRAIL**

(Sheet 4 of 4)

**STANDARD 630001-07**